



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Stavros C. Manolagas, Robert L. Jilka, Robert S. Weinstein,  
Teresita Bellido, Donald Bodenner, and Stavroula Kousteni

Application No.: 10/829,028 Group Art Unit: Not assigned

Filed: April 21, 2004 Examiner: Not assigned

Confirmation No.:

Title: METHODS AND COMPOSITIONS FOR INCREASING BONE MASS

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
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Kelley A. Farris	
Typed or printed name of person signing certificate	

REVOCATION OF POWERS OF ATTORNEY  
AND APPOINTMENT OF NEW ATTORNEYS AND/OR AGENTS  
AND CHANGE OF CORRESPONDENCE ADDRESS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The Board of Trustees of the University of Arkansas, an Arkansas University, with its principal address at 2404 North University Avenue, Little Rock, Arkansas 72207-3608, is the assignee of the entire right, title and interest in the above-identified application. The Board of Trustees of the University of Arkansas hereby appoints the attorneys and/or agents associated with:

**Customer No. 021005**

Hamilton, Brook, Smith & Reynolds, P.C.  
530 Virginia Road  
P.O. Box 9133  
Concord, Massachusetts 01742-9133

10/829,028

-2-

to prosecute the above-identified application and any divisions or continuations thereof and to conduct all business in the United States Patent and Trademark Office. All previously granted Powers of Attorney are hereby revoked.

A Statement under 37 C.F.R. §3.73(b) is submitted herewith.

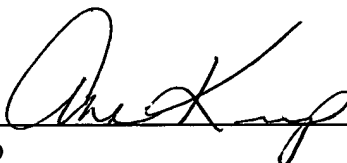
All correspondence should be sent to Customer No. 021005, Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, Massachusetts 01742-9133. Please direct all telephone calls to David E. Brook, Esq. at (978) 341-0036, and all facsimile communications to (978) 341-0136.

Respectfully submitted,

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS

By

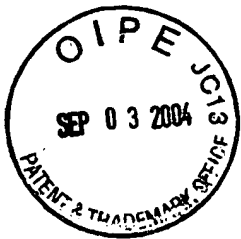
Ann Kemp



Title Vice President, Finance and Administration

Date

July 15, 2004



Docket No. 3650.1006-010

STATEMENT UNDER 37 C.F.R. § 3.73(b)

Inventor(s): Stavros C. Manolagas, Robert L. Jilka, Robert S. Weinstein, Teresita Bellido, Donald Bodenner and

Stavroula Kousteni

Application No./Patent No.: 10/829,028

Filed/Issue Date: April 21, 2004

For: METHODS AND COMPOSITIONS FOR INCREASING BONE MASS

The Board of Trustees of the University of Arkansas

(Name of Assignee)

a University

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is

- A. ☒ the assignee of the entire right, title and interest in the patent application identified above; or
- B. ☐ an assignee together with ☐ of the entire right, title and interest in the patent application identified above.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

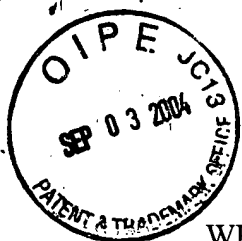
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date: July 15, 2004

Name: Ann Kemp

Title: Vice President, Finance and Administration

Signature: 



# COPY

Docket No. 3650.1006-010

Joint

## ASSIGNMENT

WHEREAS, we, **Stavros C. Manolagas, Robert L. Jilka, Robert S. Weinstein, Teresita Bellido, Donald Bodenner, and Stavroula Kousteni**, have invented a certain improvement in **Methods and Compositions for Increasing Bone Mass** described in an application for Patent,

- ☐ the specification of which is being executed on even date herewith and is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☒ the specification of which is United States Application No. **10/829,028**, filed **April 21, 2004**;
- ☐ the specification of which is a Patent Cooperation Treaty Application, International Application No. [   ], which designates the United States of America;
- ☐ which was patented under United States Patent No. [   ].

WHEREAS, **The Board of Trustees of the University of Arkansas** (hereinafter "ASSIGNEE"), an **Arkansas University**, with its principal address at **2404 North University Avenue, Little Rock, Arkansas 72207-3608**, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: \_\_\_\_\_

*Stavros C. Manolagas*

**Stavros C. Manolagas**

State/Commonwealth

of Arkansas

County of Pulaski

On this 21<sup>st</sup> day of July, 20 04, before me, the undersigned notary public, personally appeared **Stavros C. Manolagas**,



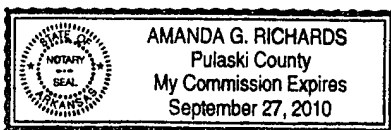
personally known to me, or



proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)



*Amanda G. Richards*

Notary Public

*Amanda G. Richards*

(print name)

My Commission expires 09 / 27 / 10

Inventor's Signature: \_\_\_\_\_

Robert L. Jilka

Robert L. Jilka

State/Commonwealth

of Arkansas

County of Pulaski

On this 21<sup>st</sup> day of July, 20 04, before me, the undersigned notary public, personally appeared **Robert L. Jilka**,

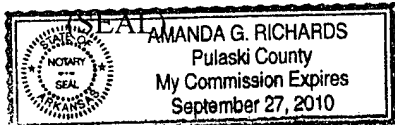


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Amanda G. Richards

Notary Public

Amanda G. Richards

(print name)

My Commission expires 09 / 27 / 10

Inventor's Signature: \_\_\_\_\_

Robert S. Weinstein

Robert S. Weinstein

State/Commonwealth

of Arkansas

County of Pulaski

On this 21<sup>st</sup> day of July, 20 04, before me, the undersigned notary public, personally appeared **Robert S. Weinstein**,

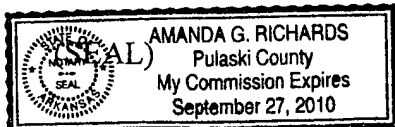


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Amanda G. Richards

Notary Public

Amanda G. Richards

(print name)

My Commission expires 09 / 27 / 10

Docket No. 3650.1006-010

Inventor's Signature: \_\_\_\_\_

Teresita Bellido

**Teresita Bellido**

State/Commonwealth

of

Arkansas

County of

Pulaski

On this 21<sup>st</sup> day of July, 20 04, before me, the undersigned notary public, personally appeared **Teresita Bellido**,

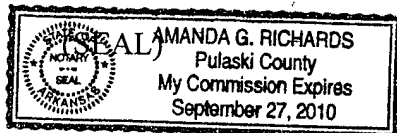


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to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.



Amanda G. Richards Notary Public

Amanda G. Richards (print name)

My Commission expires 09/27/10

Inventor's Signature: \_\_\_\_\_

Donald Bodenner

**Donald Bodenner**

State/Commonwealth

of

Arkansas

County of

Pulaski

On this 21<sup>st</sup> day of July, 20 04, before me, the undersigned notary public, personally appeared **Donald Bodenner**,

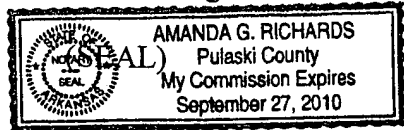


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Amanda G. Richards Notary Public

Amanda G. Richards (print name)

My Commission expires 09/27/10

Inventor's Signature: \_\_\_\_\_

Stavroula Kousteni

State/Commonwealth

of Arkansas

County of Pulaski

On this July day of 21<sup>st</sup>, 20 04, before me, the undersigned notary public, personally appeared **Stavroula Kousteni**,

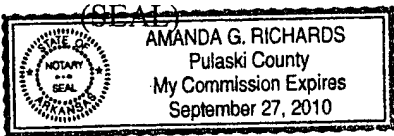


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